Missouri General Water Quality Certification Conditions for NWP 12, Utility Line Activities

1. This certification does not authorize any water withdrawal.

2. Material resulting from trench excavation may not be temporarily sidecast into a water of the state for more than one month.

3. The use of grouted riprap is prohibited unless specifically authorized as part of an engineered structure.

4. This certification is not valid for more than a total of 300 feet of utility crossings.

5. Access roads shall be constructed as near as possible to perpendicular to the stream.

6. Directional boring under the stream bed to avoid impacts to waters of the state is recommended. For utility crossings that must disturb the streambed, work shall be conducted in such a manner as to seal off the work area from flow while allowing stream flow to pass in a separate channel. This technique is generally known as "fluming."

7. Utility line crossings shall be placed as close to perpendicular as possible, and be limited to a maximum crossing length of no more than one and one-half times the width of the stream.

8. No utility lines shall be buried below the ordinary high water mark (OHWM) in any channel except for crossings as described above.

9. Care shall be taken to keep machinery out of the waterway as much as possible.

10. Fuel, oil, other petroleum products, equipment and any solid waste shall not be stored below the OHWM at any time or in the adjacent floodway beyond normal working hours.

11. Petroleum products spilled into any waterbody or on the banks where the material may enter waters of the state shall be immediately cleaned up and disposed of properly.

12. Clearing of vegetation/trees shall be the minimum necessary to accomplish the activity.

13. The riparian area, banks, etc., shall be restored to a stable condition to protect water quality as soon as possible. Seeding, mulching and needed fertilization shall be within 3 days of final contouring. On-site inspections of these areas shall be conducted as necessary to ensure successful revegetation and stabilization, and to ensure that erosion and deposition of soil in waters of the state is not occurring from this project.

14. Only clean nonpolluting fill shall be used.

15. Work shall be conducted during low flow whenever possible.

16. The following are not suitable as bank stabilization materials and shall not be used: earthen fill, gravel, broken concrete where the majority of material is less than 12 inches in diameter, concrete with exposed rebar, asphalt, tires, vehicles or vehicle bodies, construction or demolition debris or liquid concrete, including grouted riprap. Recycled concrete may be used provided that it is clean material broken into appropriately sized pieces of riprap with no protruding rebar.

17. Any land disturbance activities disturbing 5 or more acres of total area for the entire project requires a storm water permit from the Water Pollution Control Program (WPCP) for land disturbance activities. Note that this is 5 acres of area disturbed for the total project, not 5 acres of waters of the United States. In this regard, please contact the WPCP at (573) 751-6825.

18. The stream bed gradient shall not be altered during project construction.

19. The permittee is required to restore the construction area to pre-construction condition, including grading to original contours and revegetation immediately upon completion of the project, except for permanent above-ground fills.

20. Non-structural measures such as riprap and/or vegetation shall be used to stabilize banks.

21. This water quality certification is not valid for any Section 404 permit issued on a water listed as impaired pursuant to Section 303(d) for contaminants that are involved in the permitted activity, including but not limited to sediment, flow alteration, nutrient enrichment, suspended solids, habitat destruction, temperature and dissolved oxygen or if the activities are located in or occurs within 2 miles upstream of a designated outstanding state or national resource area (10 CSR 20-7.031).